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<120> METHODS AND REAGENTS FOR TREATING GLUCOSE METABOLIC DISORDERS

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<141> 2000-02-10

<150> 60/119,577

<151> 1999-02-10

<160> 3

<170> PatentIn version 3.1

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<212> DNA

<213> Homo sapiens

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Met Val Phe Val Arg Arg Pro Trp Pro Ala Leu
1 5 10

acc aca gtg ctt ctg gcc ctg ctc gtc tgc cta ggg gcg ctg gtc gac 161
Thr Thr Val Leu Ala Leu Leu Val Cys Leu Gly Ala Leu Val Asp
15 20 25

gcc tac ccc atc aaa ccc gag gct ccc ggc gaa gac gcc tcg ccg gag 209
Ala Tyr Pro Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu
30 35 40

gag ctg aac cgc tac tac gcc tcc ctg cgc cac tac ctc aac ctg gtc 257
Glu Leu Asn Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val
45 50 55

acc cgg cag cgg tat ggg aaa aga gac ggc ccg gac agg ctt ctt tcc 305
Thr Arg Gln Arg Tyr Gly Lys Arg Asp Gly Pro Asp Arg Leu Leu Ser
60 65 70 75

aaa acg ttc ttc ccc gac ggc gag gac cgc ccc gtc agg tcg cgg tcg 353
Lys Thr Phe Phe Pro Asp Gly Glu Asp Arg Pro Val Arg Ser Arg Ser
80 85 90

gag ggc cca gac ctg tgg tgaggacccc tgaggcctcc tgggagatct 401
Glu Gly Pro Asp Leu Trp
95

gccaaccacg cccacgtcat ttgcatacgc actcccgacc ccagaaaccc ggattctgcc 461

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tcccgacggc ggcgtctggg cagggttcgg gtgcggccct ccgcccgcgt ctcggtgccc 521
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t 582

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Ala Leu Leu Val Cys Leu Gly Ala Leu Val Asp Ala Tyr Pro Ile Lys
          20           25           30

```

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Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu Leu Asn Arg Tyr
      35           40           45

```

```

Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr Arg Gln Arg Tyr
  50           55           60

```

```

Gly Lys Arg Asp Gly Pro Asp Arg Leu Leu Ser Lys Thr Phe Phe Pro
65           70           75           80

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Asp Gly Glu Asp Arg Pro Val Arg Ser Arg Ser Glu Gly Pro Asp Leu
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Trp

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Tyr Pro Ile Lys Pro Glu Ala Pro Gly Glu Asp Ala Ser Pro Glu Glu
1           5           10           15

```

```

Leu Asn Arg Tyr Tyr Ala Ser Leu Arg His Tyr Leu Asn Leu Val Thr
          20           25           30

```

Arg Gln Arg Tyr

